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Маршрутизатор CISCO892FSP-K9

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Общие

Тип устройства

Маршрутизатор

Поддерживаемый тип интерфейсов маршрутизатора

Интерфейсы 1000Base-X SFP
Интерфейсы 10/100/1000Base-T

Линейка Cisco

ISR 800

Доп. описание

IP and IP services features

- Routing Information Protocol Versions 1 and 2 (RIPv1 and RIPv2)
- Generic routing encapsulation (GRE) and multipoint GRE (MGRE)
- Cisco Express Forwarding
- Standard 802.1d Spanning Tree Protocol
- Layer 2 Tunneling Protocol (L2TP)
- Layer 2 Tunneling Protocol Version 3 (L2TPv3)
- Network Address Translation (NAT)
- Dynamic Host Configuration Protocol (DHCP) server, relay, and client
- Dynamic Domain Name System (DNS)
- DNS Proxy
- DNS Spoofing
- Access control lists (ACLs)
- IPv4 and IPv6 Multicast
- Open Shortest Path First (OSPF)
- Border Gateway Protocol (BGP)
- Performance Routing (PfR)
- Enhanced Interior Gateway Routing Protocol (EIGRP)
- Virtual Route Forwarding (VRF) Lite



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- Next Hop Resolution Protocol (NHRP)
- Bidirectional Forwarding Detection (BFD)
- Web Cache Communication Protocol (WCCP)

Switch features

- Auto Media Device In/Media Device Cross Over (MDI-MDX)
- 14 802.1Q VLANs
- MAC filtering
- Four-port 802.3af and Cisco compliant PoE
- Switched Port Analyzer (SPAN)
- Storm Control
- Smart ports
- Secure MAC address
- Internet G

Security features

- SSL VPN for secure remote access
- Hardware-accelerated DES, 3DES, AES 128, AES 192, and AES 256
- Public-key-infrastructure (PKI) support
- Fifty IPsec tunnels
- Cisco Easy VPN Client and Server
- NAT transparency
- DMVPN
- Tunnel-less Group Encrypted Transport VPN
- VRF-aware IPsec
- IPsec over IPv6
- Adaptive control technology
- Session Initiation Protocol (SIP) application-layer gateway
- Cisco IOS Firewall: ◦ Zone-Based Policy Firewall ◦ VRF-aware stateful inspection routing firewall ◦ Stateful inspection transparent firewall
- Advanced application inspection and control
- Secure HTTP (HTTPS), FTP, and Telnet Authentication Proxy
- Dynamic and static port security
- Firewall stateful failover
- VRF-aware firewall
- Cisco ScanSafe Connector
- Cisco IOS Software black and white lists
- Integrated threat control: ◦ IPS
- Control Plane Policing
- Flexible Packet Matching

- Network foundation protection

QoS features

- Low-Latency Queuing (LLQ)
- Weighted Fair Queuing (WFQ)
- Class-Based WFQ (CBWFQ)
- Class-Based Traffic Shaping (CBTS)
- Class-Based Traffic Policing (CBTP)
- Policy-Based Routing (PBR)
- Class-Based QoS MIB
- Class of service (CoS)-to-differentiated services code point (DSCP) mapping
- Class-Based Weighted Random Early Detection (CBWRED)
- Network-Based Application Recognition (NBAR)
- Link fragmentation and interleaving (LFI)
- Resource Reservation Protocol (RSVP)
- Real-Time Transport Protocol (RTP) header compression (cRTP)
- Differentiated Services (DiffServ)
- QoS preclassify and prefragmentation
- HQoS

High-availability features

- Virtual Router Redundancy Protocol (VRRP) (RFC 2338)
- HSRP
- MHSRP

IPv6 features

- IPv6 addressing architecture
- IPv6 name resolution
- IPv6 statistics
- IPv6 translation: Transport packets between IPv6-only and IPv4-only endpoints NAT-PT)
- Internet Control Message Protocol Version 6 (ICMPv6)
- IPv6 DHCP
- OSPFv3
- BGP4+
- IPv6 path maximum transmission unit (PMTU)
- IPv6 Neighbor Discovery
- IPv6 stateless address autoconfiguration (SLAAC)
- IPv6 Multicast Routing